

Message

From: Arnold, Rick [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=A545BF3329054C1B8F0F65D0F45797DE-ARNOLD, LAR]
Sent: 3/8/2019 6:03:16 PM
To: Shea, Valois [Shea.Valois@epa.gov]
Subject: RE: Emailing: WA 3-96 Task 1.1 Annotated bibliography
Attachments: Borchetal2012.pdf

Great!

Attached is a copy of Borch et al. (2012).

Looks like the report by Grenthe et al. (2004) is simply a reprint of the original 1992 report. However, the updated report by Guillaumont et al. (2003) has information gained after the 1992 report, but it doesn't include the original information. I don't see the original report on the list, so it seems like it would be good to send both reports.

From: Shea, Valois
Sent: Thursday, March 7, 2019 5:36 PM
To: Arnold, Rick <Arnold.Rick@epa.gov>
Subject: FW: Emailing: WA 3-96 Task 1.1 Annotated bibliography

Hi Rick,

We have the attached draft annotated bibliography from Cadmus to review! How exciting! Our first deliverable!

Mary Ellen says that she wasn't able to get copies of the three references below that are on your list, so they are not included in this draft.

I was able to find two of them on-line and will send them to her. I wasn't able to locate a free copy of the Borch et al. 2012 paper. Do you have a copy that you could share with her?

While I was searching for the 2003 reference I also found a more recent update (2004) for uranium. Should I send that instead of the 2003?

Here are links to them both:

<https://www.oecd-nea.org/dbtdb/pubs/uranium.pdf>

http://www.wipp.energy.gov/library/cra/2009_cra/references/Others/Guillaumont_et_al_2003_Update_on_Chemical_Thermodynamics.pdf

Please let me know what you would like me to send her.

I haven't review this yet myself. I'll look it over and share my thoughts with you next week.

Thanks!

Valois

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From: Mary Ellen Tuccillo <maryellen.tuccillo@cadmusgroup.com>
Sent: Wednesday, March 6, 2019 2:06 PM
To: Suchomel, Bruce <Suchomel.Bruce@epa.gov>; Shea, Valois <Shea.Valois@epa.gov>
Cc: Shari.Ring@cadmusgroup.com
Subject: Emailing: WA 3-96 Task 1.1 Annotated bibliography

Hi Bruce and Valois,

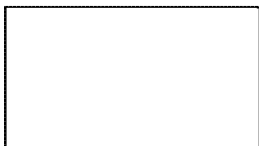
Please find attached our draft annotated bibliography for Task 1.1. Among the 50 sources in this bibliography, we included most of the 20 papers and reports in the list you had initially provided. We have not been able to get a few of them but will be happy to look at them if we obtain copies:

- Anastasi, F.S., and Williams, R.E., 1984, Aquifer restoration at uranium in situ leach sites: International Journal of Mine Water, v. 3 (4), pp. 29–37.
 - Borch, T., Rochem, N., and Johnson, T.E., 2012, Determination of contaminant levels and remediation efficacy in groundwater at a former in situ recovery uranium mine: Journal of Environmental Monitoring, v. 14, p. 1814–1823.
 - Guillaumont, R., Fanghanel, T., Fuger, J., Grenthe, I., Neck, V., Palmer, D., Rand, M.H., 2003, Update on the chemical thermodynamics of uranium, neptunium, plutonium, americium, and technetium: Elsevier, Amsterdam, 919 p.
- The sources in this bibliography are focused on ISR and for many, the Dewey Burdock site. We did not include fundamental geologic, geochemical, and hydrogeologic references and books that we will use as appropriate during this project - with the exception of a book on geochemical modeling that contains a section on a uranium-contaminated site.

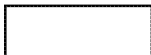
Please let us know if you have any questions. We look forward to speaking soon.

Mary Ellen

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Water is the driving force of all nature. Leonardo da Vinci



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